

CLAIMS

1. An access point control system comprising:
a plurality of access point apparatuses; and
an access point control apparatus that transmits
5 messages to the plurality of access point apparatuses
and controls the plurality of access point apparatuses;
wherein the access point control apparatus has:
a distribution section that distributes frames from
the access point apparatuses to a plurality of VLANs
10 (Virtual Local Area Networks) based on BSSIDs (Basic
Service Set Identifiers); and
a distribution destination change section that
changes a distribution destination VLAN according to the
distribution section.

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2. The access point control system according to claim
1, wherein:
the distribution section has:
a correspondence table that holds information of
20 the plurality of BSSIDs and a corresponding plurality
of VLAN tags; and
a section that distributes the frames to a plurality
of VLANs based on the correspondence table; and
the distribution destination change section has a
25 section that changes a distribution destination VLAN by
changing one or another of the plurality of VLAN tags
of the correspondence table.

3. An access point control method in an access point control system that has a plurality of access point apparatuses, and an access point control apparatus that transmits messages to the plurality of access point apparatuses and controls the plurality of access point apparatuses; the access point control method comprising:

a distribution step of having the access point control apparatus distribute frames from the access point apparatuses to a plurality of VLANs based on BSSIDs; and
10 a distribution destination changing step of changing a distribution destination VLAN in the distribution step.

4. An access point control apparatus in an access point control system that has a plurality of access point apparatuses, and an access point control apparatus that transmits messages to the plurality of access point apparatuses and controls the plurality of access point apparatuses; the access point control apparatus comprising:

a distribution section that distributes frames from the access point apparatuses to a plurality of VLANs based on BSSIDs; and

25 a distribution destination change section that changes a distribution destination VLAN according to the distribution section.